## What is claimed is:

- A process for inhibiting and/or delaying carbamylation of a peptide/protein in a
  urea and/or cyanate containing solution during processing of said peptide/protein
  comprising the step of adding a carbamylation inhibiting compound to the process
  wherein said compound is not an ethylene diamine like compound.
- 2. The process of Claim 1 wherein the compound is selected from the group consisting of glycinamide, histidine, 4-hydroxyl proline, Glycine-Glycine (Gly-Gly), and Glycine-Histidine (Gly-His).
- 3. The process of Claim 1 wherein the compound is a dipeptide.
- 4. The process of Claim 1 wherein the process is solubilizing the peptide/protein in urea.
- 5. The process of Claim 1 wherein the process is the purification of peptides/proteins.
- 6. The process of Claim 1 wherein the protein is a ribonuclease.
- 7. The process of Claim 7 wherein the ribonuclease is RNase A.
- 8. The process of wherein the carbamylation percent protection is about 100% after three weeks.
- The process of Claim 1 wherein the concentration of the compound is between 1 mM and 150 mM.
- 10. The process of Claim 1 wherein the compound is selected from the group consisting of histidine, 4-hydroxyl praline, and Glycylglycine (Gly-Gly).
- 11. The process of Claim 1 wherein the cyanate in the solution is at a concentration of about 5mM.

12. The process of Claim 1 wherein the compound has a buffering capacity of about neutral.